Aditya Kulkarni

Mechanical Design Engineer

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Summary

Mechanical design engineer developing component drawings and models through design review and prototype builds. Works with manufacturing and supplier teams on fit, tolerances and controlled engineering changes.

Experience

Design Engineer, Powertrain, Example Meridian Mobility Components Sep 2022 - Present

Pune, India

- Develop CAD models and drawings for mounting and enclosure components, reviewing packaging and assembly constraints with manufacturing.
- Resolved a bracket interference by revising the mounting offset, completing tolerance checks and verifying fit on a prototype build.
- Maintain design-review actions and update drawings through the approved engineering-change process.
- Coordinate supplier questions and document inspection feedback before lead-engineer release.

Junior Design Engineer, Example Cedar Precision Engineering Jul 2020 - Aug 2022

Pune, India

- Prepared component and fixture models in NX under senior design review.
- Updated drawings after first-article inspection and recorded dimensional discrepancies for investigation.
- Supported tool-room trials with controlled drawings and change records.

Education

B.E, Mechanical Engineering 2016 - 2020

Example Lakeside University

Skills

Design: GD&T, Tolerance analysis, Design for manufacture, Assembly checks

Software: NX, CATIA V5, ANSYS Workbench, Teamcenter PLM

Quality: DFMEA, 8D problem solving, First-article inspection, Root-cause analysis

Languages

English · Marathi · Hindi

Sample resume from ResumeGuru.
www.resumeguru.ai/resume-samples/mechanical-engineer-resume-sample